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FIG. 1

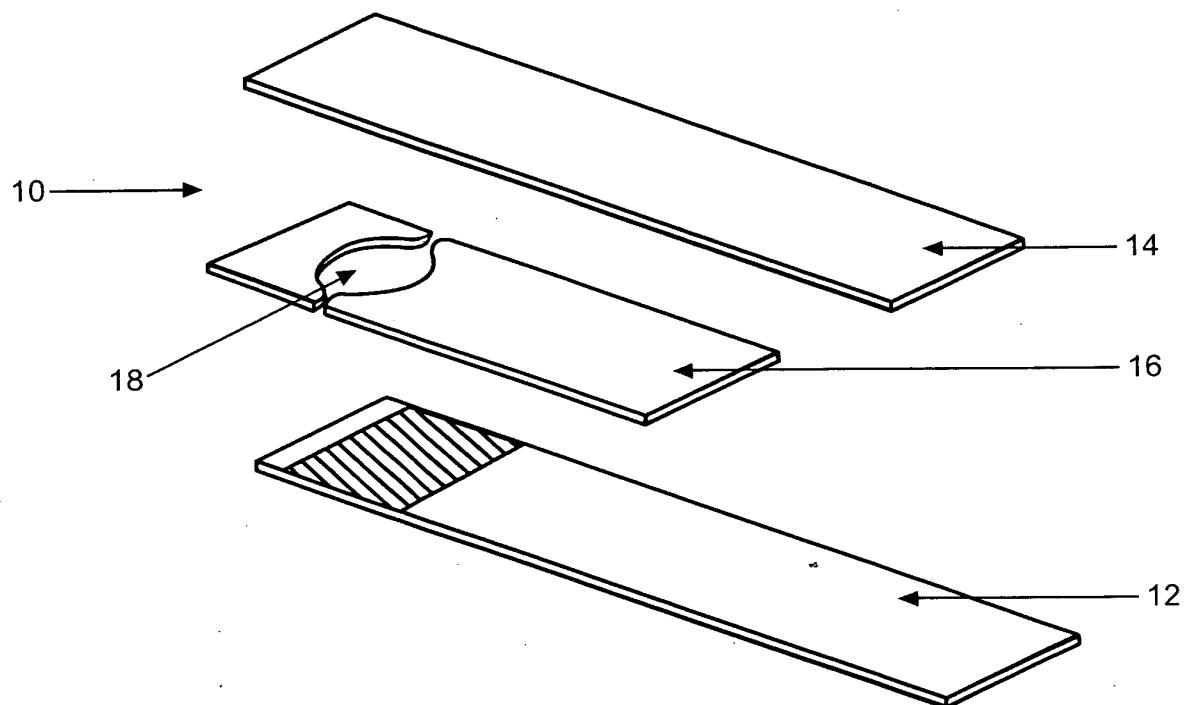


FIG. 2

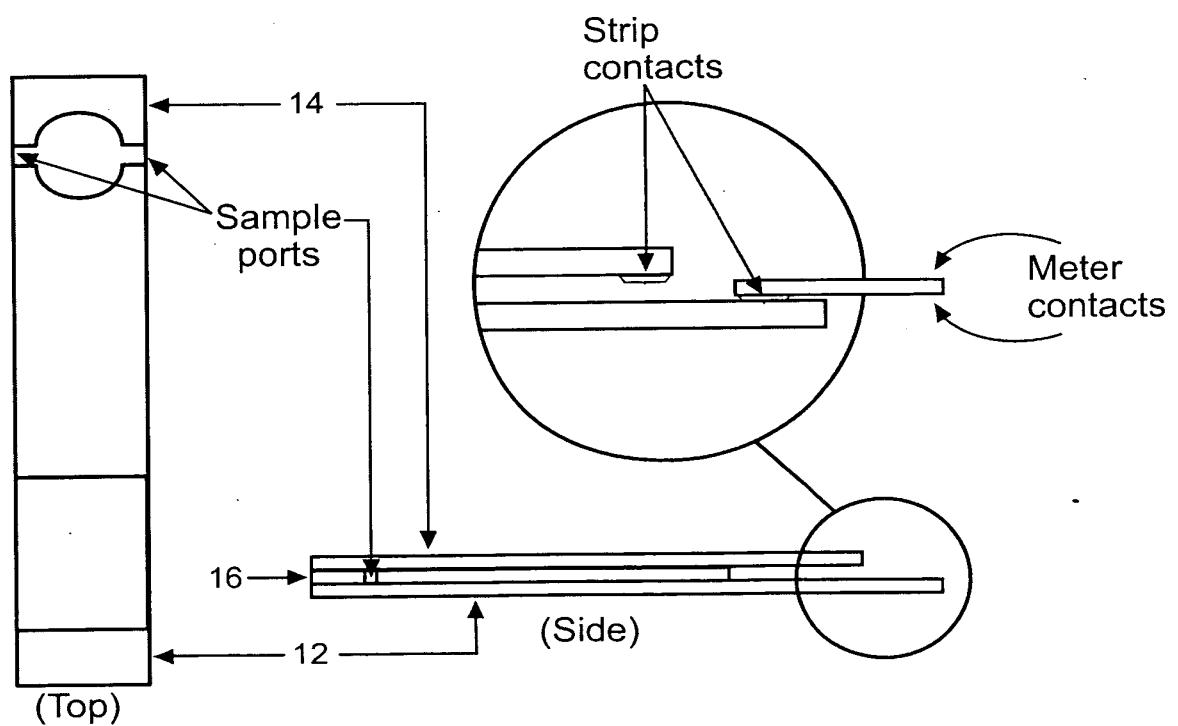


FIG. 3

Surface treatment using 1mM Cystine+Wash and 0.1 mM Cystine+No wash (3/09)

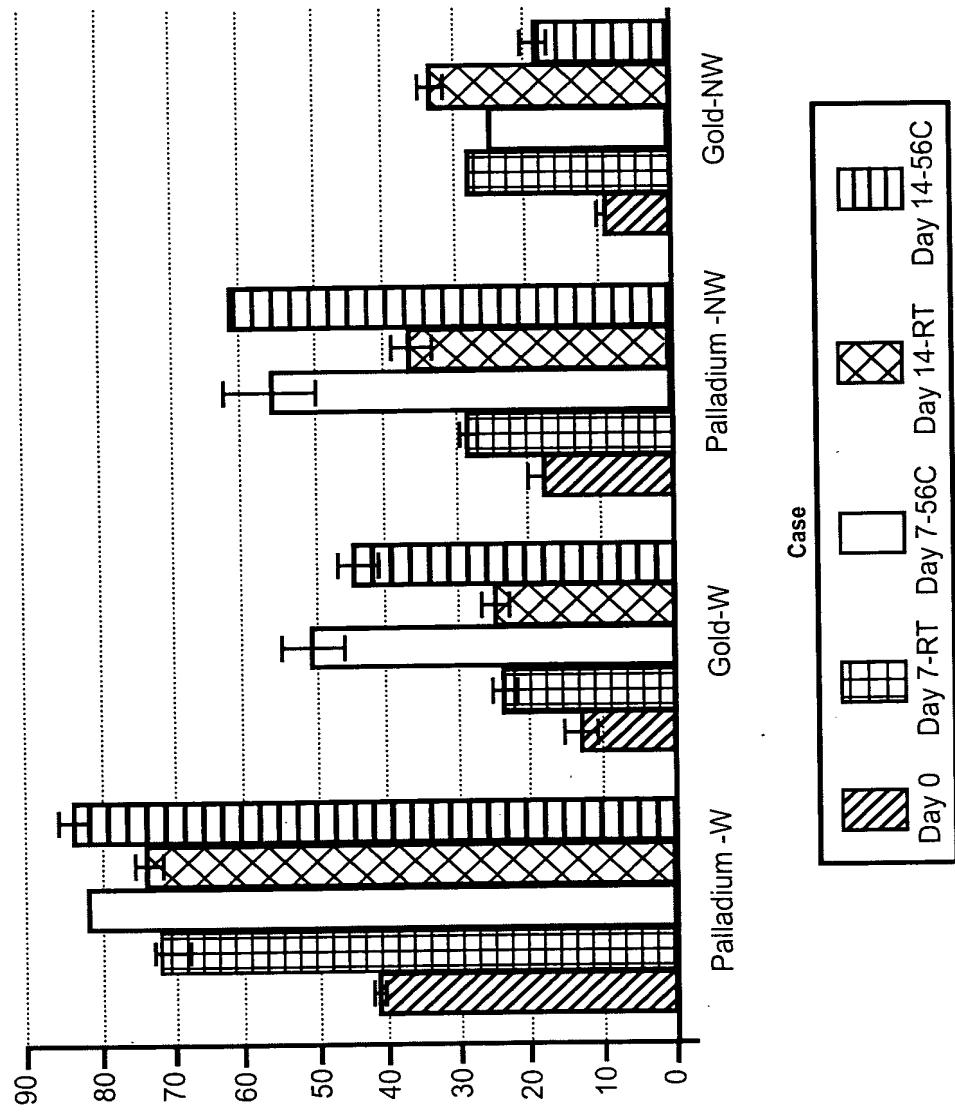
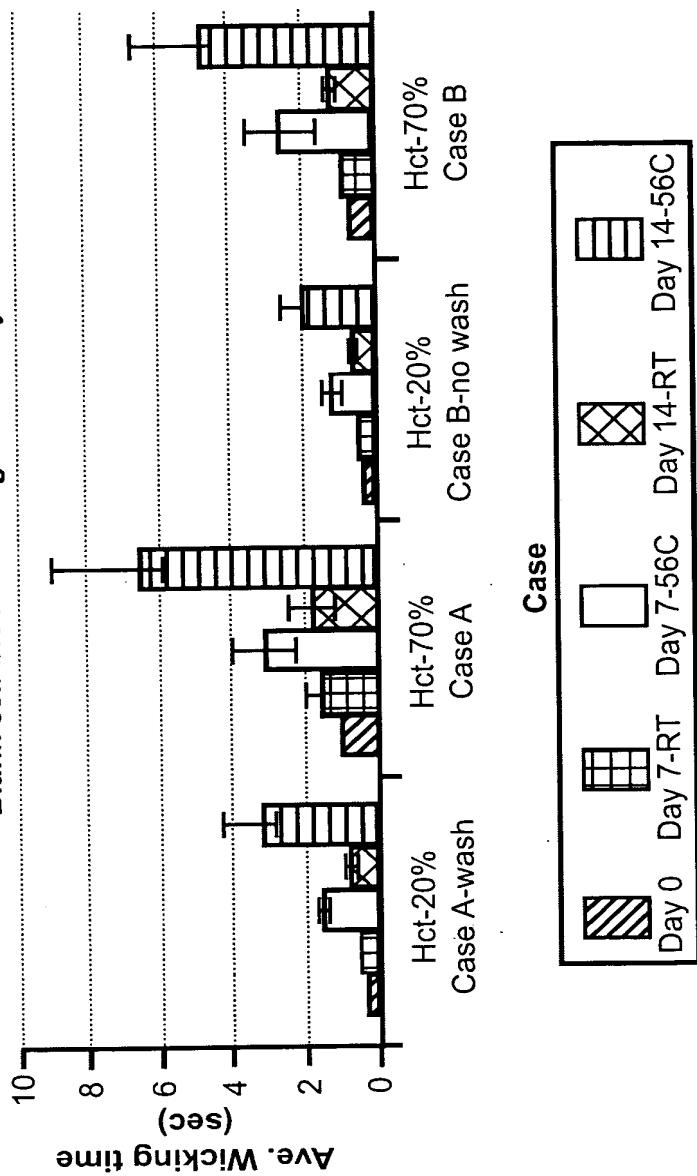


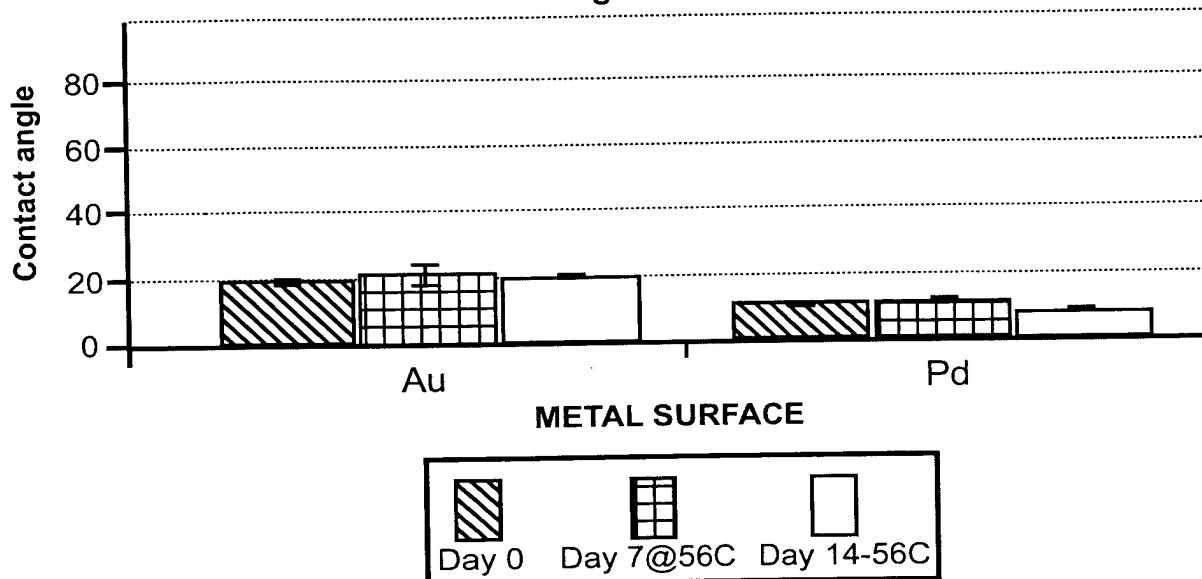
FIG. 4  
Surface treatment with 1 mM Cystine wash & 0.1 mM  
Cystine no wash on Palladium & Gold sensors,  
Blank cell-blood wicking time study



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## FIG. 5A

Aldrich MESA (98%) 0.1% @ pH 5.40, Surface treated Gold and Palladium with tape (ARI), hang dried n=5



## FIG. 5B

Aldrich MESA (98%) 0.1% @ pH 11.5, Surface treated Gold and Palladium with tape (ARI), hang dried n=5

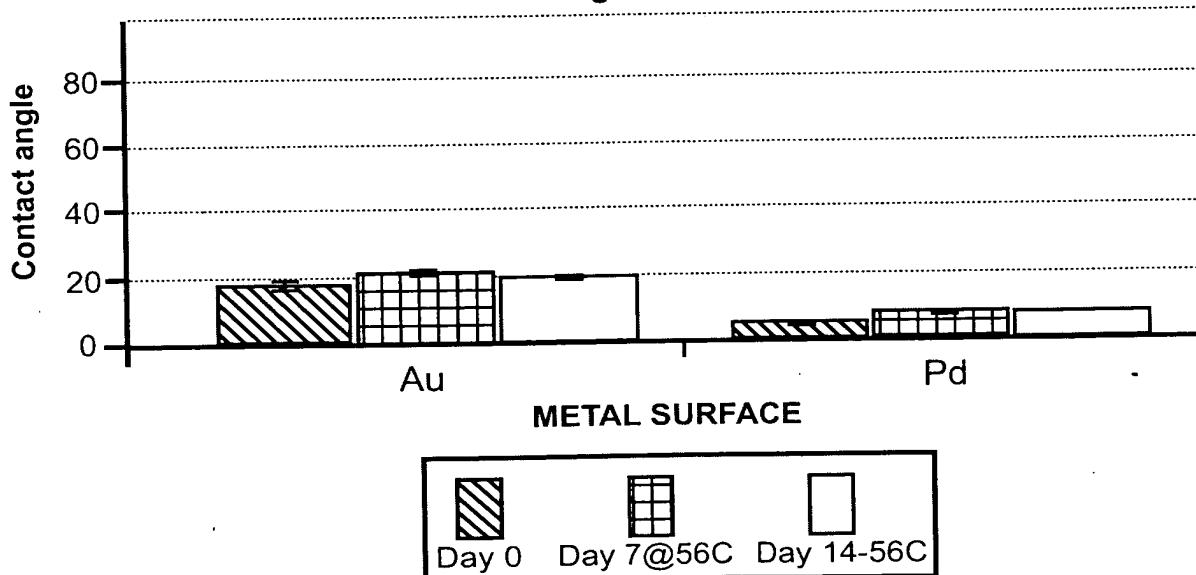


FIG. 6

Blank sensors, wicking time, Aldrich MESA  
(98%) 0.1% @ pH 5.40 & 11.5, Surface treated of Gold  
and Palladium, hang dried, blood hct 70%, n=20

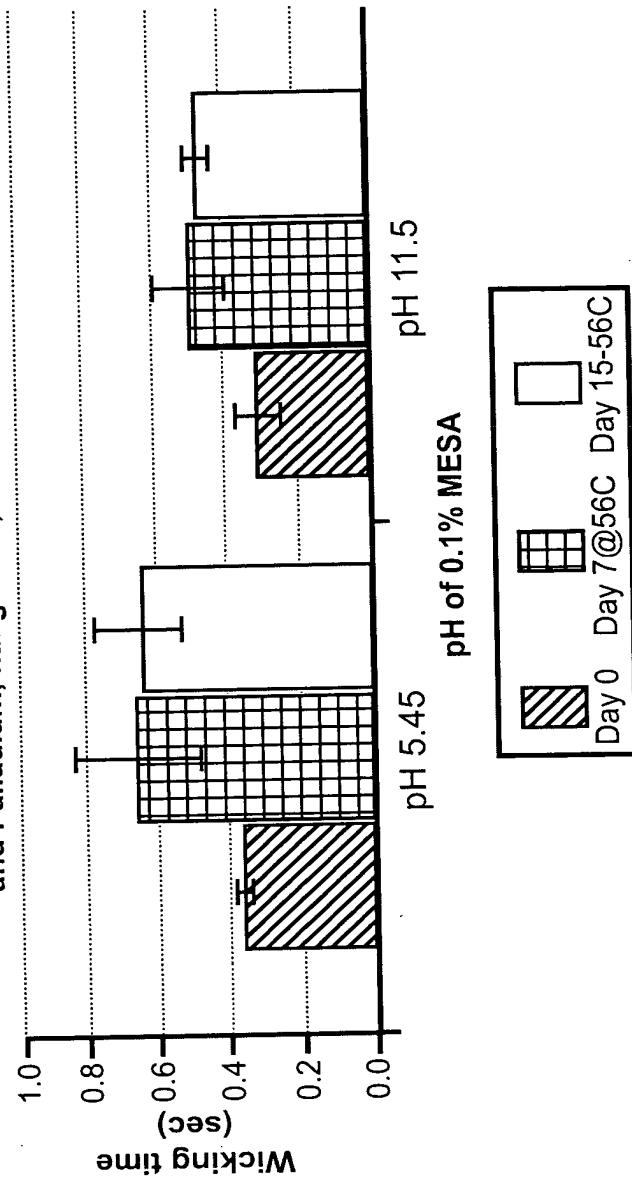


FIG. 7

